

AMENDMENTS TO THE CLAIMS

Please cancel claims 1, 2, 4, 13, 14, 17, 19, 20, 23, 29-36, 38-67 and 69-77.

Please amend the claims as follows.

1-4. (Canceled)

5. (Currently Amended) The monolithic structural catalyst body of claim ~~4~~ 83, wherein the average thickness of the inner partition walls ranges from 0.05 mm to 0.20 mm.

6. (Currently Amended) The monolithic structural catalyst body of claim ~~5~~ 83, wherein the average thickness of the inner partition walls ranges from 0.10 mm to 0.18 mm.

7. (Canceled)

8. (Currently Amended) The monolithic structural catalyst body of claim ~~1~~ 83, wherein the hydraulic diameter is greater than or equal to 150 mm.

9. (Currently Amended) The monolithic structural catalyst body of claim ~~1~~ 83, wherein the transverse compressive strength is greater than 3 kg/cm².

10. (Currently Amended) The monolithic structural catalyst body of claim ~~9~~ 83, wherein the transverse compressive strength is greater than 4 kg/cm².

11. (Currently Amended) The monolithic structural catalyst body of claim ~~1~~ 83, wherein the monolithic structural catalyst body has a defect level of 2% or less.

12. (Currently Amended) The monolithic structural catalyst body of claim ~~1~~ 83, wherein the monolithic structural catalyst body has a defect level 0.3% or less.

13-20. (Canceled)

21. (Currently Amended) The monolithic structural catalyst body of claim ~~20~~68, wherein the average thickness of the inner partition walls ranges from 0.05 mm to 0.20 mm.

22. (Currently Amended) The monolithic structural catalyst body of claim ~~21~~ 68, wherein the average thickness of the inner partition walls ranges from 0.10 mm to 0.18 mm.

23. (Canceled)

24. (Currently Amended) The monolithic structural catalyst body of claim ~~23~~68, wherein the hydraulic diameter is greater than or equal to 150 mm.

25. (Currently Amended) The monolithic structural catalyst body of claim ~~19~~68, wherein the transverse compressive strength is greater than 3 kg/cm^2 .

26. (Currently Amended) The monolithic structural catalyst body of claim ~~25~~68, wherein the transverse compressive strength is greater than 4 kg/cm^2 .

27. (Currently Amended) The monolithic structural catalyst body of claim ~~17~~68, wherein the monolithic structural catalyst body has a defect level of 2% or less.

28. (Currently Amended) The monolithic structural catalyst body of claim ~~17~~68, wherein the monolithic structural catalyst body has a defect level of 0.3% or less.

29-67. (Canceled)

68. (Previously Presented) A monolithic structural catalyst body comprising:
 an outer peripheral wall and
 a plurality of inner partition walls having an average thickness of less than 0.22 mm,

the outer peripheral wall and the plurality of inner partition walls having dispersed throughout a chemical composition comprising 50-99.9% by weight an inorganic oxide composition and at least 0.1% by weight a catalytically active metal functional group,

the monolithic structural catalyst body having at least two of the following characteristics:

a hydraulic diameter greater than or equal to 100 mm;
 a transverse compressive strength of at least 1.5 kg/cm²; or
 a macroporosity greater than or equal to 0.05 cc/g in pores of diameter ranging from 600 to 5,000 Angstroms;

further comprising additional catalytic material deposited on at least one of the outer peripheral wall and the plurality of inner partition walls.

69-82. (Canceled)

83. (Currently Amended) A monolithic structural catalyst body comprising:
 an outer peripheral wall and
 a plurality of inner partition walls having an average thickness of less than 0.22 mm,

the outer peripheral wall and the plurality of inner partition walls having dispersed throughout a chemical composition comprising 50-99.9% by weight an inorganic oxide composition and at least 0.1% by weight a catalytically active metal functional group,

wherein the monolithic structural catalyst body has a hydraulic diameter greater than or equal to ~~150~~ 100 mm, a transverse compressive strength of at least 1.5 kg/cm² and a macroporosity greater than or equal to 0.05 cc/g in pores of diameter ranging from 600 to 5,000 Angstroms.